

Atty. Docket No. 6065/1US

IN THE CLAIMS:

Please amend the claims in accordance with the following listing of claims:

1. (Currently Amended) An integrated logistics system for managing the shipments of goods supplied from a plurality of different shippers by a plurality of carriers, said system comprising:

a purchasing module evaluating proposals by shippers for respective shipments of goods and awarding contracts for the shipments to the plurality of carriers;

~~an optimization module analyzing the proposals and informing the purchasing module if an opportunity exists for at least some of the shipments to be consolidated, in which case at least one contract awarded by the purchasing module is for a consolidated group of the shipments;~~

a contract administration module maintaining information relating to the status of proposals received and contracts awarded by the purchasing module, said contract administration module including or being connected to a first database storing said information relating to the status of proposals received and contracts awarded by the purchasing module;

a scheduling module scheduling shipments according to the awarded contracts;

a shipment management module tracking the status of shipments awarded by the purchasing module and scheduled by said scheduling module; ~~and~~

a financial module authorizing payments according to the status of shipments tracked by the shipment management module; and

a network configured to transfer information between said contract administration module to at least one module of a group consisting of said purchasing module, said scheduling module, said shipment management module, and said financial module, said at least one module including or being connected to a second database.

2. (Original) An integrated logistics system according to claim 1, wherein the plurality of

Atty. Docket No. 6065/1US

carriers includes ship owners and the logistics system includes a tanker planning module.

3. (Original) An integrated logistics system according to claim 2, wherein the tanker planning module includes a partitioned relational database storing collaborative data relating to shippers, freight forwarders and ship owners.

4. (Original) An integrated logistics system according to claim 3, wherein access to each partition in the relational database is selectively controlled and managed so that contracts between shippers and ship owners can be awarded by the purchasing module without revealing the confidential information of one party to the other.

5. (Original) An integrated logistics system according to claim 1, further comprising a data warehouse module storing operations data received from the shipment management module and commercial data received from the financial module.

6. (Original) An integrated logistics system according to claim 5, wherein the data warehouse module selects, filters, aggregates and repackages said operations data and commercial data to generate data mining, metrics and predetermined reports, and customizable reports.

7. (Original) An integrated logistics system according to claim 6, wherein the data warehouse module includes a front end interface offering secured access and controlled transfer between the data warehouse module in computer readable format.

8. (Original) An integrated logistics system according to claim 1, further comprising a carrier management module which tracks the performance of carriers and generates ratings of the carriers.

9. (Original) An integrated logistics system according to claim 8, wherein the carrier management module receives information from the front end interface of a data warehouse

Atty. Docket No. 6065/IUS

module.

10. (Original) An integrated logistics system according to claim 8, wherein the carrier management module receives metric requirements from the contract administration module.

11. (Original) An integrated logistics system according to claim 8, wherein the carrier management module receives exception information indicating shipment problems from an exception queue in the shipment management module.

12. (Original) An integrated logistics system according to claim 1, further comprising a regulatory module collecting information from other modules of the system and providing reports related to health and safety or governmental regulations.

13. (Original) An integrated logistics system according to claim 12, wherein the purchasing module blocks an award of a shipment to a carrier according to information maintained in the regulatory module.

14. (Currently Amended) An integrated logistics system according to claim 12, wherein the regulatory module accesses the Material Safety Data Sheet (MSDS) and ~~TSR~~ information maintained in the Enterprise Resource Planning software of a shipper.

15. (Original) An integrated logistics system according to claim 1, wherein the shipment management module includes a relational database logging and storing all of the shipment records of the shipments awarded by the purchasing module and scheduled by said scheduling module.

16. (Original) An integrated logistics system according to claim 15, wherein the shipment management module includes a data management tool managing the viewing and/or updates of the data in the relational database in a secure change environment.

Atty. Docket No. 6065/1US

17. (Original) An integrated logistics system according to claim 15, wherein the relational database in the shipment management module receives information from the shipper and carrier for each shipment, the contract administration module, and the scheduling module.
18. (Original) An integrated logistics system according to claim 15, wherein the shipment management module receives or computes position data to audit and/or calculate current information on detention and to validate charges for detention.
19. (Original) An integrated logistics system according to claim 15, wherein the shipment management module computes inventory data to calculate the position and amount of inventory in the shipments tracked by the shipment management module.
20. (Original) An integrated logistics system according to claim 15, wherein the shipment management module provides information on the location and status of equipment of a given shipper or carrier.
21. (Currently Amended) An integrated logistics system according to claim 15, wherein the shipment management module includes an audit system allowing changes to shipment records in the relational database to be controlled and tracked per audit protocols and viewing of the ~~the~~ history and changes made to/during a shipment.
22. (Currently Amended) An integrated logistics system according to claim 15, wherein the shipment management module forwards an electronic authorization for payments to the financial module according to the shipment ~~shipments~~ records in the relational database.
23. (Original) An integrated logistics system according to claim 1, wherein the contract administration module permits minor changes to a contract awarded by the purchasing module by coordinating change requests and change response messages between the shipper and the carrier.

Atty. Docket No. 6065/1US

24. (Original) An integrated logistics system according to claim 1, wherein the scheduling module receives electronic data from a shipper for a shipment and forwards said data to the corresponding carrier via a distributed communications network and XML.

25. (Original) An integrated logistics system according to claim 24, wherein the scheduling module matches and synchronizes the timing of notification, booking or offer of the shipment with the carrier and automatically notifies the shipper that the shipment has been confirmed.

26. (Original) A method of arranging for the shipment of goods by one of a plurality of carriers, said method comprising:

maintaining carrier information relating to each one of said plurality of carriers in a centralized logistics system;

receiving a proposal for the shipment of goods supplied from a shipper, said proposal including shipping information relating to the shipment of the goods and transaction information relating to the contract terms for the shipment;

evaluating the proposal to select a carrier from among said plurality of carriers; and

creating an electronic abstract of a contract between the shipper and the selected carrier for the shipment of goods identified in the proposal.

27. (Currently Amended) A method of arranging for the shipment of goods as recited in claim 26, further comprising:

communicating with the selected carrier to receive a response regarding the electronic abstract of the contract;

creating an electronic abstract of the response received from the selected carrier; and

confirming selection of the selected carrier with the shipper using the electronic abstract of the response received from the selected carrier.

28. (Original) A method of arranging for the shipment of goods as recited in claim 26, wherein the carrier information includes qualification information for each one of the plurality

Atty. Docket No. 6065/1US

of carriers.

29. (Original) A method of arranging for the shipment of goods as recited in claim 28, wherein the qualification information indicates the ability of the plurality of carriers to ship different categories of goods.

30. (Original) A method of arranging for the shipment of goods as recited in claim 29, wherein the different categories of goods include chemicals.

31. (Currently Amended) A method of arranging for the shipment of goods as recited in claim 26, wherein evaluating further comprises:

 sending an electronic abstract of the proposal to the potential carriers;

 evaluating responses to the electronic abstract of the proposal received from the potential carriers, said responses including shipping information supplied by the carrier relating to the shipment of the goods or transaction information relating to the contract terms for the shipment;

 selecting one of the potential carriers for the shipment on the basis of the responses to the electronic abstract of the proposal and the carrier information maintained in said centralized logistics system.

32. (Previously Amended) A method of arranging for the shipment of goods from an origin to a destination, said method comprising:

 retrieving routing information for a plurality of different transport modes;

 retrieving carrier information relating to each one of a plurality of different carriers for each one of said plurality of different transport modes;

 determining a routing for the shipment of goods from said origin to said destination based on said retrieved routing information; and

 scheduling, via a computer network, the shipment of goods from said origin to said destination based on said carrier information.

Atty. Docket No. 6065/1US

33. (Currently Amended) A method according to claim ~~31~~ 32, wherein the scheduled shipment of goods from said origin to said destination is scheduled to use at least two different transport modes.
34. (Original) A method according to claim 32, wherein the scheduled shipment of goods is arranged using a third party logistics system.
35. (Currently Amended) A method according to claim ~~31~~ 32, wherein one of said plurality of different transport modes comprises truck transport.
36. (Original) A method according to claim 34, wherein said carrier information includes information relating to bulk truck carriers, truckload carriers, and less than truckload carriers.
37. (Original) A method according to claim 34, wherein said shipment is scheduled using information unique to truck transport.
38. (Currently Amended) A method according to claim ~~31~~ 32, wherein one of said plurality of different transport modes comprises rail transport.
39. (Original) A method according to claim 37, wherein said shipment is scheduled using information which is unique to rail transport.
40. (Currently Amended) A method according to claim ~~31~~ 32, wherein one of said plurality of different transport modes comprises containership transport.
41. (Previously Amended) A method according to claim 39, wherein said shipment is scheduled using information which is unique to containership transport.
42. (Currently Amended) A method according to claim ~~31~~ 32, wherein one of said plurality of different transport modes comprises bulk tanker transport.

Atty. Docket No. 6065/1US

43. (Original) A method according to claim 41, wherein said shipment is scheduled using information which is unique to bulk tanker transport.

44. (Currently Amended) A method according to claim ~~31~~ 32, wherein one of said plurality of different transport modes comprises air freight.

45. (Original) A method according to claim 44, wherein said shipment is scheduled using information which is unique to air freight.